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FORM PTO-1449 (Modified)	ATTY DOCKET NO.	SERIAL NO.
List of Patents and Publications for Applicants Supplemental Information Disclosure Statement	**18805-81106**	**09/880,138**
	APPLICANT: **Hickman et al.**	
	FILING DATE: **June 12, 2001**	GROUP ART UNIT **1636**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER ART (Including Author, title, Date, Pertinent Pages, Etc.)

	RS	**Brash, J.L.,** *Role of Plasma Protein Adsorption in the Response of Blood to Foreign Surfaces* pp. 3-24 Blood Compatible Material and Devices (Technomic Publishing Co., Inc: Lancaster, PA) (1986).
	RS	**Nagai, Y. et al.,** *Cell Biological significance of gangliosides in neuronal differentiation and development: Critique and proposals* pp. 329-350 In: New Trends in Ganglioside Research, Ledeen, R.W. et al. (eds.) (Liviana Press: Padova) (1988).
	RS	**Pusineri, C. and Cazenave, J.P.,** *Adsorption at interfaces* pp. 45-59 In: Blood-Surface Interactions, Cazenave, J.P. et al. (eds.) (Elsevier, Amsterdam, New York, Oxford) (1986).

EXAMINER	DATE CONSIDERED: 2/5/04
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	17.	**Eggers, M.D. et al.,** *Electronically wired petri dish: A microfabricated interface to the biological neuronal network,* J. Vac. Sci. Technol. B Vol. 8, No. 6 pp. 1392-1398 (1990).
	18.	**Engel, J.,** *Laminins and other strange proteins,* Biochemistry 31(44):10643-51 (1992). ABSTRACT ONLY
	19.	**Fraaije, J.G. et al.,** *Interfacial thermodynamics of protein adsorption and ion co-adsorption. III. Electrochemistry of bovine serum albumin adsorption on silver iodide,* Biophys Chem. 41(3):263-76 (1991). ABSTRACT ONLY
	20.	**Fromherz, P. et al.,** *A neuron-silicon junction: a Retzius cell of the leech on an insulated-gate field-effect transistor,* Science 252(5010):1290-3 (1991). ABSTRACT ONLY
	21.	**Georger, Jr. et al.,** *Coplanar patterns of self-assembled monolayers for selective cell adhesion and outgrowth,* Thin Solid Films 210/211 pp. 716-719 (1992).
	22.	**Goodman, S.L. et al.,** *The effects of substrate-adsorbed albumin on platelet spreading,* J. Biomater Sci Polym Ed 2(2):147-59 (1991). ABSTRACT ONLY
	23.	**Hickman, J. J. et al.,** *Rational pattern design for in vitro cellular networks using surface photochemistry,* J. Vac. Sci Technol. A, Vol. 12 No. 3, pp. 607-615 (1994).
	24.	**Huettner, J.E. et al.,** *Primary culture of identified neurons form the visual cortex of postnatal rats,* J. Neurosci 6(10):3044-60 (1986). ABSTRACT ONLY
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	26.	**Hughes, R. C. et al.,** *Chemical Microsensors,* Science Vol. 254 pp. 74-80 (1991).
	27.	**Hynes, R.O. et al.,** *Contact and adhesive specificities in the associations, migrations, and targeting of cells and axons,* Cell Vol. 68 pp. 303-22 (1992).
	28.	**Kleinfeld, D. et al.,** *Controlled outgrowth of dissociated neurons on patterned substrates,* J. Neurosci 8(11):4098-120 (1988). ABSTRACT ONLY
	29.	**Lee, S.H. et al.,** *Adsorption of Proteins onto Polymeric Surfaces of Different Hydrophilicities – A Case Study with Bovine Serum Albumin,* J. Colloid Interf. Vol. 125 No. 2 pp. 365-379 (1988).
	30.	**Leech D. et al.,** *Biomagnetic neurosensors,* Anal Chem 65(22):3262-6 (1993). ABSTRACT ONLY
	31.	**Leonard, E.F. et al.,** *Is the Vroman effect of importance in the interaction of blood with artificial materials?,* J. Biomater Sci Polym Ed 3(1):95-107 (1991). ABSTRACT ONLY
	32.	**Letourneau, P.C. et al.,** *Extracellular matrix and neurite outgrowth,* Curr Opin Genet Dev 2(4):625-34 (1992). ABSTRACT ONLY
	33.	**Massia, S.P. et al.,** *An RGD spacing of 440 nm is sufficient for integrin alpha V beta 3-mediated fibroblast spreading and 140 nm for focal contact and stress fiber formation,* J. Cell Biol 114(5):1089-100 (1991). ABSTRACT ONLY
	34.	**Parce, J.W. et al.,** *Detection of cell-affecting agents with a silicon biosensor,* Science 246(4927):243-7 (1989). ABSTRACT ONLY
	35.	**Peterson, G.L.,** *A simplification of the protein assay method of Lowry et al. which is more generally applicable,* Anal Biochem Vol. 83 pp. 346-56 (1977).
	36.	**Regehr, W.G. et al.,** *Sealing cultured invertebrate neurons to embedded dish electrodes facilitates long-term stimulation and recording,* J. Neurosci Methods 30(2):91-106 (1989). ABSTRACT ONLY
	37.	**Romijn, H.J. et al.,** *Towards an improved serum-free, chemically defined medium for long-term culturing of cerebral cortex tissue,* Neurosci Biobehav Rev 8(3):301-34 (1984). ABSTRACT ONLY
	38.	**Schaffner, A.E. et al.,** *Conditioned medium from cultures of embryonic neurons contains a high molecular weight factor which induces acetylcholine receptor aggregation on cultured myotubes,* J. Neurosci 2(5):623-32 (1982). ABSTRACT ONLY

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
DS		5,077,210	12/31/91	Eigler et al.	435	176	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO

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	1. DS	**Adinolfi, M. et al.**, *Levels of plasma proteins in human and rat fetal CSF and the development of the blood-CSF barrier*, Neuropadiatrie 8(4):345-53 (1977). ABSTRACT ONLY
	2. DS	**Aizawa, M.**, *Immunosensors*, Bioprocess. Technol. Vol. 15 pp. 249-66 (1991).
	3. DS	**Anderson, J.M. et al.**, *Protein adsorption and cellular adhesion and activation on biomedical polymers*, Int J. Artif Organs 13(6):375-82 (1990). ABSTRACT ONLY
	4. DS	**Bain, C. D. et al.**, *Correlations between Wettability and Structure in Monolayers of Alkanethiols Adsorbed on Gold*, J. Am. Chem. Soc. Vol. 110 pp. 3665-3666 (1988).
	5. DS	**Banker, G. A. et al.**, *Rat hippocampal neurons in dispersed cell culture*, Brain Res. 126(3):397-42 (1977). ABSTRACT ONLY
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	7. DS	**Baszkin A. et al.**, *Competitive adsorption of albumin against collagen at solution air and solution-polyethylene interfaces*, J. Biomed. Mater. Res. 27(2):145-52 (1993). ABSTRACT ONLY
	8. DS	**Bhatia S. K. et al.**, *New Approach To Producing Patterned Biomolecular Assemblies*, J. Am. Chem. Soc. Vol. 114 pp. 4432-4433 (1992).
	9. DS	**Bhatia S.K. et al.**, *Use of thiol-terminal silanes and heterobifunctional crosslinkers for immobilization of antibodies on silica surfaces*, Anal. Biochem. 178(2):408-13 (1989). ABSTRACT ONLY
	10 DS	**Blum, L. J. & Coulet P.R.**, *Biosensor Principles and Applications* (Marcel Dekker, Inc., New York) (1991)
	11. DS	**Bonfield, T.L. et al.**, *Protein adsorption of biomedical polymers influences activated monocytes to produce fibroblast stimulating factors*, J. Biomed Mater. Res. 26(4):457-65 (1992). ABSTRACT ONLY
	12. DS	**Brewer G. J. et al.**, *Survival and growth of hippocampal neurons in defined medium at low density: advantages of a sandwich culture technique or low oxygen*, Brain Res 494(1):65-74 (1989). ABSTRACT ONLY
	13. DS	**Briggs, M.P. and Seah M.P.**, *Practical Surface Analysis by Auger and X-ray Photoelectron Spectroscopy* 2nd Ed. pp. 87-140 (John Wiley & Sons: New York) (1992).
	14. DS	**Decher, G. & Schmitt, J.**, *Fine tuning of the film thickness of ultrathin multilayer films composed of consecutively alternating layer of anionic and cationic polyelectrolytes* Progress in Colloid & Polymer Science Vol. 89 pp. 160-164 (1992).
	15. DS	**Dziegielewska, K. M. et al.**, *Proteins in cerebrospinal fluid and plasma of fetal rats during development*, Dev. Biol. Vol. 83 pp. 193-200 (1981).
	16. DS	**Edelman, P.G., and Wang, J.**, *Biosensors and chemical sensors. ACS Symposium Series 487.* (1991)

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	39.	**Schaffner, A.E. et al.**, *Fluorescence-activated cell sorting of embryonic mouse and rat motoneurons and their long-term survival in vitro,* J. Neurosci 7(10):3088-104 (1987). ABSTRACT ONLY
	40.	**Schaffner, A.E. et al.**, *Investigation of the factors necessary for growth of hippocampal neurons in a defined system.*, J. Neurosci Methods 62(1-2):111-9 (1995). ABSTRACT ONLY
	41.	**Solsky, R.L. et al.**, *Ion-selective electrodes,* Anal Chem Vol. 60 pp. 106R-113R (1988).
	42.	**Spargo, B.J. et al.**, *Spatially controlled adhesion, spreading, and differentiation of endothelial cells on self-assembled molecular monolayers,* Proc Natl Acad Sci U S A 91(23):11070-4 (1994). ABSTRACT ONLY
	43.	**Stenger, D. A. et al.**, *Coplanar Molecular Assemblies of Amino- and Perfluorinated Alkylsilanes: Characterization and Geometric Definition of Mammalian Cell Adhesion and Growth* J. Am. Chem. Soc. Vol. 114 pp. 8435-8442 (1992).
	44.	**Stenger, D.A. et al.**, *Surface determinants of neuronal survival and growth on self-assembled monolayers in culture,* Brain Res 630(1-2):136-47 (1993). ABSTRACT ONLY
	45.	**Thoenen, H.**, *The changing scene of neurotrophic factors,* Trends Neurosci 14(5):165-70 (1991). ABSTRACT ONLY
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